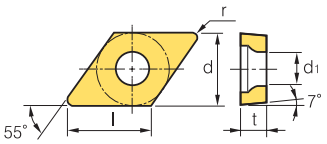
DC○○

Rhombic 55° Positive
Relief Angle: 7°



Dimensions (mm)			
Size	d	t	d_1
07	6.35	2.38	2.8
11	9.525	3.97	4.4

Workpiece			CN1500	CN2500	CC1500	CC2500	NC3215	NC3225	NC3120	NC3030	NC3235	NC5330	NC6310	NC6315	NC9115	NC9125	NC9135	PC5300	PC5400	PC8105	PC8110	PC8115	PC9030	H01	H05
Steel	P		●	✱	●	⬌	●	⬌	⬌	✱	✱	✱	●	●	⬌		✱								
Stainless steel	M									⬌	⬌	⬌			●	⬌	✱	⬌	✱	●	⬌	⬌	✱		
Cast iron	K		●	✱	●	⬌	⬌					⬌	⬌	⬌										●	⬌
Non-ferrous metal	N																							●	⬌
Heat resistant alloy, Titanium alloy	S											●				●	●	⬌	✱	●	⬌	⬌		●	⬌
Hardened steel	H																			●	⬌	⬌		●	⬌

Machining types
- ● Continuous cutting
- ⬌ General cutting
- ✱ Interrupted cutting

Inserts		Designation		Cermet CN1500	Cermet CN2500	Coated CC1500	Coated CC2500	Coated NC3215	NC3225	NC3120	NC3030	NC3235	NC5330	NC6310	NC6315	NC9115	NC9125	NC9135	PC5300	PC5400	PC8105	PC8110	PC8115	PC9030	Uncoated H01	Uncoated H05	Cutting Condition fn (mm/rev)	Cutting Condition ap (mm)
Finishing	FP new [Mild steel]	DCMT	070202-FP		●			●																			0.01~0.10	0.05~0.08
			070204-FP	●	●	●	●	●	●								●					●					0.01~0.10	0.10~0.90
			070208-FP																								0.01~0.10	0.10~1.00
			11T302-FP		●			●																			0.01~0.10	0.05~1.00
			11T304-FP	●	●	●	●	●	●								●					●					0.01~0.10	0.10~1.00
			11T308-FP	●	●	●	●	●	●								●					●					0.04~0.12	0.10~1.00
Finishing	VF	DCMT	070202-VF		●				●													●					0.03~0.10	0.06~1.00
			070204-VF		●				●										●			●					0.05~0.20	0.30~1.20
			11T302-VF	●					●																		0.04~0.15	0.08~1.50
			11T304-VF	●	●				●										●			●					0.05~0.20	0.30~1.50
			11T308-VF	●	●														●			●					0.10~0.25	0.30~1.50
Finishing	VL	DCMT	070202-VL																								0.02~0.10	0.06~0.80
			070204-VL	●	●	●	●	●	●				●			●	●	●	●	●	●	●	●		●	●	0.04~0.10	0.08~0.90
			070208-VL					●	●				●						●								0.06~0.12	0.10~1.00
			11T302-VL																								0.03~0.10	0.07~0.80
			11T304-VL	●	●	●	●	●	●				●			●	●	●	●	●		●				●	0.05~0.10	0.10~1.00
			11T308-VL	●	●	●	●	●	●				●			●	●	●	●	●	●	●	●		●	●	0.08~0.15	0.10~1.00
			11T312-VL																								0.08~0.15	0.30~1.50
Medium to finishing	HMP	DCMT	070202-HMP								●													●			0.03~0.12	0.10~1.50
			070204-HMP							●	●		●						●			●		●			0.06~0.17	0.20~2.30
			070208-HMP							●	●											●		●			0.08~0.23	0.40~2.30
			11T302-HMP								●								●			●		●			0.04~0.22	0.10~2.00
			11T304-HMP		●				●	●	●		●						●			●		●			0.08~0.23	0.30~3.00
			11T308-HMP							●	●		●						●			●		●			0.10~0.30	0.50~3.00
Medium to finishing	MP new	DCMT	070202-MP	●	●	●	●	●	●				●			●	●	●	●	●	●	●	●				0.04~0.12	0.12~1.80
			070204-MP	●	●	●	●	●	●				●			●	●	●	●	●	●	●	●				0.05~0.15	0.30~1.80
			070208-MP	●	●	●	●	●	●				●			●	●	●	●	●	●	●	●				0.08~0.22	0.30~1.80
			11T302-MP	●	●	●	●	●	●				●			●	●	●	●	●	●	●	●				0.04~0.15	0.30~2.00
			11T304-MP	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●				0.08~0.20	0.50~2.30
			11T308-MP	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●				0.10~0.30	0.50~2.30
			11T312-MP														●	●									0.25~0.35	0.80~3.00

Cutting edge geometry A52~A61 Recommended chip breaker B04~B14 Code system B34~B35

● : Stock item

Available tool holders			
Designation	Page	Designation	Page
SDACR/L	B190	SDQCR/L	B217
SDJCR/L	B123, 191	SDUCR/L	B218
SDNCN	B124, 191	SDZCR/L	B219